

CHERNOV, Vladimir Mikhaylovich; KRATTS, K.O., doktor geol.-miner.
nauk, oty. red.

[Stratigraphy and the conditions governing the sedimentation of volcanic (leptite) siliceous iron formations in Karelia] Stratigrafia i usloviia osadkonakopleniya vulkanogennykh (leptitovykh) zhelezisto-kremnistykh formatsii Karelii. Moscow, Nauka, 1964. 102 p. (MIRA 17:11)

HAWAII, Etc.

Academy of Natural Sciences, Philadelphia
of the Baltic Shield. Tracey (ed. geol. diken nr. 19:17-23 '64
(MRA 17:8)

YELISEYEV, N.A.; KRATTS, K.O.; MASLENIKOV, V.A.; SHURKIN, K.A.; SOLOV'YEV, S.P.

Aleksandr Alekseevich Polkanov, 1898-1963; obituary.
Zap. Vses. min. ob-va 92 no.3:381-383 '63. (MIRA 17:9)

1. Leningradskiy gosudarstvennyy universitet (for Yeliseyev).
2. Laboratoriya geologii dokembriya AN SSSR (for Kratts,
Maslenikov, Shurkin). 3. Vsesoyuznoye mineralogicheskoye
obshchestvo (for Solov'yev).

SMIRNOV, G.M.; KRATYNSKAYA, O.V., inzh.-khimik

Rapid method of sizing the "Art.4224" percale. Tekst.prom. 22
no.12:59-60 D '62. (MIRA 16:1)

1. Zamestitel' nachal'nika nauchno-issledovatel'skoy laboratorii
Glukhovskogo khlopcatobumazhnogo kombinata imeni Lenina (for
Smirnov). 2. Nauchno-issledovatel'skaya laboratoriya
Glukhovskogo khlopcatobumazhnogo kombinata imeni Lenina (for
Kratynskaya).

(Cotton sizing)

KRATYNSKIY, V. I.

Dredging

Hydromechanization of operations in cleaning silt from irrigation canals.
Khlopkovodstvo no. 6, 1952.

Monthly List of Russian Accessions. Library of Congress November 1952. UNCLASSIFIED.

KPATYNSKIY V.^I, OSADCHIY I., LEPEDEV V.

Irrigation

Mechanization of work involved in the transition of a new irrigation system.
MTS 12 no. 4, 1952.

Monthly List of Russian Accessions, Library of Congress, August 1952, UNCLASSIFIED.

KRATYNSKIY, V.I., inzhener.

The Tashkent machine excavator station as a participant at the
All-Union Agricultural Exhibition. Gidr. i mel. 6 no.8:35-41 Ag
'54. (MIRA 7:9)

(Tashkent Province--Machine-tractor stations) (Machine-
tractor stations--Tashkent Province) (Moscow--Agricultural
exhibitions) (Agricultural exhibitions--Moscow)

BULKIN, P.I.; SARRE, D.M.; YEMEL'YANOVA, N.I.; KRATYNSKIY, V.I.,
otv. red.; RUDAKOVA, N.I., tekhn. red.

[Official specifications and estimates for building, assembling, and repair work in 1960; estimates recalculated for the new price scale] Vedomstvennye normy i rastsenki na stroitel'nye, montazhnye i remontno-stroitel'nye raboty 1960 g.; rastsenki pereschitany iskhodia iz novogo masshtaba tsen. Moskva, Gosstroizdat. Collection V-48 [Building and assembling work using local materials in agriculture] Stroitel'nye i montazhnye raboty s primeneniem mestnykh materialov v sel'skom khoziaistve. 1961. 160 p. (MIRA 17:3)

1. Russia (1923- U.S.S.R.) Ministerstvo sel'skogo khozyaystva.

ACC NR: A111-0144

SOURCE CODE: UR/0413/66/000/019/0106/0106

INVENTOR: Chervinskiy, P. P.; Donskoy, A. V.; Kratysh, G. S.

ORG: none

TITLE: Contactless pulse-type velocity transducer. Class 42, No. 186779

SOURCE: Izobretaniya, promyshlennyye obraztsy, tovarnyye znaki, no. 19, 1966, 106

TOPIC TAGS: speed regulator, ^{acceleration} velocity measuring instrument, velocity transducer

ABSTRACT: An Author Certificate has been issued for an ultrasonic oscillator with an automatic frequency control and a magnetostrictive transducer which serves as the load of the oscillator. The transducer is connected to a positive feedback circuit and is used as a selective element (see Fig. 1). To improve operational stability at the resonant frequency of the mechanical vibrating system, the passband multicircuit phase filter is connected to the positive feedback circuit of the oscillator. Orig. art. has: 1 figure.

Card 1/2

UDC: 621.373.42

ACC NR: AP6035744

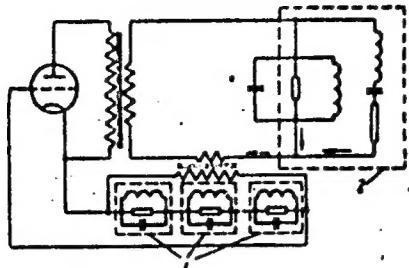


Fig. 1. Ultrasonic oscillator

1 - Passband multicircuit phase filter; 2 - magnetostrictive transducer.

SUB CODE: 09, 13/ SUBM DATE: 01Jul63/ ATD PRESS: 5112

Card 2/2

SMOGAROV, Aleksey Grigor'yevich, traktorist; KRATYUK, V., red.; NIKOLAYEVA, T.,
tekhn. red.

[For more inexpensive corn silage] Bol'she deshevogo kukuruznogo si-
losa. Kalingrad, Kalingradskoe knizhnoe izd-vo, 1960. 25 p.
(MIRA 14:10)

1. Kolkhoz "Vlast' truda" Ozerskogo rayona (for Smogarov).
(Ensilage) (Corn (Maize))

KRAU-Berzin Ya., ZHIZNEVSKAYA Ya., PEYIVE Ya. V. (USSR)

"Effect of Copper on the Content of Carotenoids and Chlorophyll
in Plant Leaves."

Report presented at the 5th Int'l Biochemistry Congress,
Moscow, 10-16 Aug. 1961

KRAUJA, E.

Brief news. Vestis Latv ak no.l:180-182 '61.

KRAUJA, E.

Conference between the Academy of Sciences of the Latvian S.S.R. and
the Communist Youth League with the objective of putting into practice
results of research. Vestis Latv ak no.2:182-183 '61.

KRAUJA, E.

Fifteenth anniversary of the Academy of Sciences of the Latvian S.S.R.
Vestis Latv ak no.2:183-184 '61.

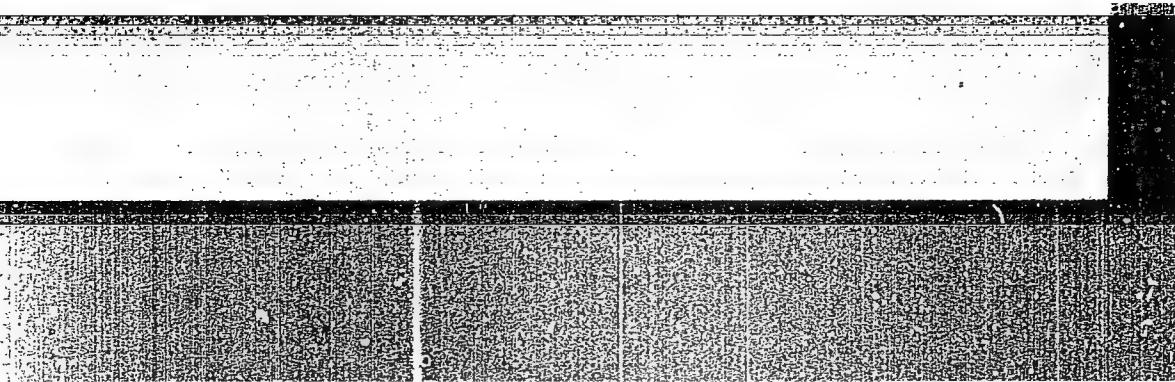
KRAUJALIS, M.W.

"Radiation balance, its measurement and some results" by
S.Kuchel and "Radiation balance in Bratislava by S.Kuchel.
Reviewed by M.W.Kraujalis. Przegl. geofiz. 8 no.1/2:108-110
'63.

KRAUJALIS, Maria Wanda

Map of the balance coefficient of long-wave radiation. Przegl
geogr 35 no.4:627-639 '63.

"APPROVED FOR RELEASE: Monday, July 31, 2000 **CIA-RDP86-00513R000826220**



APPROVED FOR RELEASE: Monday, July 31, 2000 **CIA-RDP86-00513R000826220C**

GERSHOV, M.M.; AVGUSTAYTIS, L.M.; KRAUKLE, A.Ya.; LARCHENKO, V.P.

Dyeing rayon bands in light colors with continuous variation of
shades. Leg. prom. 18 no. 5:52-53 My '58. (MIRA 11:6)
(Dyes and dyeing—Rayon)

KRAUKLE, V. A.

"Action of Eserine on the Sympathetic Innervation of the Intestines,"
Farmakol. i Toksikol., 5, No.4, 1942

Chair of Pharmacology, 1st Moscow Med. Inst.

KRAUKLIS, A.; SHUL'TS, I.

[Self-regulation of higher nervous activity] Samoregulatsiya vysshei nervnoi deiatel'nosti. Riga, Izd-vo AN Latviiskoi SSR, 1964. 288 p. (MIRA 18:1)

BRNESHEVICH, I.I., kandidat tekhnicheskikh nauk; BOGIN, N.N., kandidat tekhnicheskikh nauk; BYKOV, Ye.i., inzhener; VLASOV, I.I., kandidat tekhnicheskikh nauk; GRITSEVSKIY, M.Ye., inzhener; GRUBER, L.O., inzhener; GURVICH, V.O., inzhener; DAVYDOV, V.N., inzhener; YER-SHOV, I.M., kandidat tekhnicheskikh nauk; ZASORIN, S.N., kandidat tekhnicheskikh nauk; IVANOV, I.I., kandidat tekhnicheskikh nauk; KRAUKLIS, A.A., inzhener; KRUFOV, L.B., inzhener; LAPIN, V.B., inzhener; LASTOVSKIY, V.P., dotsent; LATUNIN, N.I., inzhener; MARKVALDT, K.G., professor, doktor tekhnicheskikh nauk; MAKHAYLOV, M.I., professor, doktor tekhnicheskikh nauk; NIKANOROV, V.A., inzhener; OSKOLKOV, K.U., inzhener; OKHOSHIN, L.I., inzhener; PARFENOV, K.A., dotsent, kandidat tekhnicheskikh nauk; PARTSOVSKIY, L.M., inzhener; POPOV, I.P., inzhener; PUSHLINSKY, B.G., inzhener; RATHER, M.P., inzhener; ROSSYAEVSKIY, G.I., dotsent, kandidat tekhnicheskikh nauk; RYKOV, I.I., kandidat tekhnicheskikh nauk; RYSHKOVSKIY, I.Ya., dotsent, kandidat tekhnicheskikh nauk; RYABKOV, A.Ya., professor [deceased]; TAGAN, S.A., kandidat tekhnicheskikh nauk; KHAZEN, M.M., professor, doktor tekhnicheskikh nauk; CHERNYSHOV, H.A., doktor tekhnicheskikh nauk; SHIN, L.Ya., professor, doktor tekhnicheskikh nauk; YURENSKY, B.N., dotsent; AKSEL'KVIT, I.Ya., dotsent, kandidat tekhnicheskikh nauk; ARKHANGEL'SKIY, A.S., inzhener; BARTENEV, P.V., professor, doktor tekhnicheskikh nauk; BARNGARD, K.A., kandidat tekhnicheskikh nauk; BUDOVOT, N.Ye., dotsent, kandidat tekhnicheskikh nauk; BOGDANOV, I.A., inzhener; BUGDANOV, N.K., kandidat tekhnicheskikh nauk; VINYCENKO, N.G., dotsent, kandidat ekonomiceskikh nauk;

(Continued on next card)

BENESHEVICH, I.I.----(continued) Card 2.

VASIL'YEV, V.F.; GONCHAROV, N.G., inzhener; DERIBAS, A.T., inzhener; DOBROSEL'SKIY, K.M., dotsent, kandidat tekhnicheskikh nauk; DLUGACH, B.A., kandidat tekhnicheskikh nauk; YAFIMOV, O.P., kandidat tekhnicheskikh nauk; ZEMBLINOV, S.V., professor, doktor tekhnicheskikh nauk; ZABELO, H.L., kandidat tekhnicheskikh nauk; IL'IN, K.P., kandidat tekhnicheskikh nauk; KARAPNIKOV, A.D., kandidat tekhnicheskikh nauk; KAPIUN, T.Sh., inzhener; KANSHIN, M.D.; KOCHNEV, F.P., professor, doktor tekhnicheskikh nauk; KOGAN, L.A., kandidat tekhnicheskikh nauk; KUCHURIN, S.Y., inzhener; LEVASHOV, A.D., inzhener; MAKSYMOWICH, B.M., dotsent, kandidat tekhnicheskikh nauk; MARTYNOV, M.S., inzhener; MEDUL', O.M., inzhener; NIKITIN, V.D., professor, kandidat tekhnicheskikh nauk; PADNYA, V.A., inzhener; PANTELYEV, P.I., kandidat tekhnicheskikh nauk; PISTROV, A.P., professor, doktor tekhnicheskikh nauk; POGOROZHENKO, V.V., professor, doktor tekhnicheskikh nauk; PISKAREV, I.I., dotsent, kandidat tekhnicheskikh nauk; SERGHEYEV, Ye.S., kandidat tekhnicheskikh nauk; SIMONOV, K.S., kandidat tekhnicheskikh nauk; SIMANOVSKIY, M.A., inzhener; SUYAZOV, I.O., inzhener; TALDAYEV, F.Ya., inzhener; TIKHOMOV, K.K., kandidat tekhnicheskikh nauk; USILAKOV, N.Ya., inzhener; USPENSKIY, V.K., inzhener; VEL'DMAN, E.D., kandidat tekhnicheskikh nauk; VYRAPONTOV, G.V., inzhener; KHOKHLOV, L.P., inzhener; CHERNOMORDIK, G.I., professor, doktor tekhnicheskikh nauk; SHAMAYEV, H.P., inzhener; SHAFIRKIN, B.I., inzhener; YAKUSHIN, S.I., inzhener; ORANOVSKIY, P.G., redaktor; TISHCHENKO, A.I., redaktor; ISAYEV, I.P., dotsent, kandidat tekhnicheskikh nauk, redaktor; KLIHOV, V.F., dotsent kandidat tekhnicheskikh

(Continued on next card)

BENESHEVICH, I.I.--- (continued) Card 3.

nauk, redaktor; MARKOV, N.V., inzhener, redaktor; KALININ, V.K.,
inzhener, redaktor; STEPANOV, V.N., professor, redaktor; SIDOROV, N.I.,
inzhener, redaktor; GRONIMUS, B.Ye., kandidat tekhnicheskikh nauk,
redaktor; ROBELL, R.I., otvetstvennyy redaktor

[Technical reference manual for railroad engineers] Tekhnicheskii
spravochnik zheleznozdrozhnika. Moskva, Gos. transp.zhelez-dor. izd-vo.
Vol.10. [Electric power supply for railroads] Energosnabzhenie zhelez-
nykh dorog. Otv.red. tsva K.G.Markvardt. 1956. 1080 p. Vol.13.

[Operation of railroads] Eksploatatsiya zheleznykh dorog. Otv. red.
toma R.I.Robel'. 1956. 739 p. (MLRA 10:2)

1. Chlen-korrespondent Akademii nauk SSSR (for Petrov)
(Electric railroads) (Railroads--Management)

KRAUKLIS, A.A., ingh.

Building a 10-kilovolt electric transmission line from Irtyshskoe
to Karasuk on reinforced concrete poles. Transp. stroi. 11
no. 110-111 Jl '61. (MIRA 14:7)
(Electric lines--Overhead)

KRAUKLIS, A. A.

KRAUKLIS, A. A. — "Influence of Thiamine on the Conditioned Reflex Activity of Animals." Acad Sci Latvian SSR, Inst of Experimental Medicine, 1952. In Latvian (Dissertation for the Degree of Candidate of Medical Sciences)

SO: Izvestiya Ak. Nauk Latvianskoy SSR, No. 9, Sept., 1955

Kranklis, A.

Influence of Bi-hypovitaminosis on the conditioned reflex activity of animals. A. Kranklis. *Latvijas PSR Zinātņu Akad. Vēstis* 1955, No. 9, 75-80 (in Russian).—Peroral or parenteral (up to 5 mg.) administration of thiamine bromide (I) did not influence the defensive-motor conditioned reflexes (II) in rats. Parenterally given, 5 mg. I facilitated the reconditioning of the reflexes. In dogs and cats, 25-50 mg. I influenced the feeding-conditioned reflexes in different ways, depending on the type of the nervous system. In rats, slight Bi-hypovitaminosis (III) accelerated development, differentiation, and stabilization of II, but the reflexes were less stable. Under deeper III, II developed but did not stabilize. At very deep III, reflexes disappeared. III was accompanied by an increase in the pyruvic acid level in blood. A. Dravnicka

Med

USSR/Human and Animal Physiology (Normal and Pathological).
Nervous System. Higher Nervous Activity. Behavior. T-12

Abs Jour : Ref Zhur - Biol., No 11, 1958, 51294
Author : Krauklis, A.A.
Inst : Institute of Experimental Medicine, Academy of Sciences
Latvian SSR.
Title : The Effect of Rhythmic Distance Stimuli Upon the Development of a Timed Motor-Defensive Conditioned Reflex in Dogs.
Orig Pub : Tr. In-ta eksperim. med. AN LatvSSR, 1956, 11, 171-185.
Abstract : When during tests with 4 dogs continuous rhythmic stimuli (sound and light) were introduced, the following phenomena were observed: a decrease in the number of conditioned reactions between signals (RBS; motor-defensive), and a more precise and stronger time reflex. The slow rhythm of distance stimuli (a single stimulus every 10-30 seconds)

Card 1/2

USSR/Human and Animal Physiology (Normal and Pathological).
Nervous System. Higher Nervous Activity. Behavior. T-12

Abs Jour : Ref Zhur - Biol., No 11, 1958, 51294

proved to be most effective, while fast rhythm (1-2 times per second) was least effective. When the rhythm was made slower during the test, a more precise reaction to time resulted; an acceleration of the rhythm caused an increase in the number of RBS. A prolonged application of distance stimuli contributed to the grouping of RBS as the rhythm was slowed down, and it also contributed to the timing of movement to a specific moment. -- K.S. Ratner.

Card 2/2

- 103 -

, KRAUKLIS, A.A.

LATVIAN USSR/Human and Animal Physiology - Nervous System. V-12

Abs Jour : Ref Zhur - Biol., No 1, 1958, 4467

Author : A.A. Krauklis

Inst : Institute of Experimental Medicine of the Academy of Sciences, Latvian USSR

Title : Characteristic of the Respiratory Component During the Formation of a Conditioned Reflex in the Form of Eyelid Movements in Children.

Orig Pub : Tr. In-ta eksperim. med. AN Latv. SSR, 1956, 11, 187-201

Abstract : Breathing reaction(B) to an unconditioned stimulus (blowing a fine jet of air on the cornea) was unstable and disappeared soon. Changes of B under the action of a conditioned sound stimulus were more frequently observed as a reaction to time and they were more distinct

Card 1/2

LATVIAN USSR/ Human and Animal Physiology - Nervous System. V-12

Abs Jour : Ref Zhur - Biol., No 1, 1958, 4467

than the eyelid movement reaction. The extinction of the reflex or the development of differentiation usually brought about simultaneously an extinction of reaction B along with that of the eyelid movement; sometimes B became extinct somewhat later.

Card 2/2

KRAUKLIS, A.A.

Data on conditioned response to time in children [with summary
in English]. Zhur.vys.nerv.dielat. 7 no.4:534-439 Jl-Ag '57.

(MIRA 10:12)

1. Institut eksperimental'noy meditsiny Akademii nauk Latviyskoy
SSR.

(REFLEX, CONDITIONED,
to time in child. (Rus))

(TIME SENSE,
conditioned reflex to time in child. (Rus))

KRAUKLIS, A.A. (Riga)

Method for studying "inadequate," preparative, conditioned reactions
in man. Vestis Latv ak no.11:155-161 '59. (EEAI 9:11)

1. Akademiya nauk Latviyskoy SSR, Institut eksperimental'noy
meditsiny. (REFLEXES)

KRAUKLIS, A. (Riga); YANKOVSKIY, G. (Riga)

Segmentary displacement of skin vascular reflexes in the sick with
tuberculosis of the bones and joints. Vestis Latv ak no.12:141-146
'59.
(EEAI 9:11)

1. Akademiya nauk Latviyskoy SSR, Institut eksperimental'noy meditsiny.
(REFLEXES)
(SKIN)
(TUBERCULOSIS)

L 59187-65

AM5013085

BOOK EXPLOITATION

UR/

12
B71

Krauklis, A. A.

Self-regulation of higher nervous activity (Samoregulyatsiya vyschey nervnoy deyatel'nosti) Riga, Izd-vo AN LatSSR, 64. 0228 p. illus., bibli., fold. charts. (At head of title: Akademiya nauk Latviyskoy SSR. Akademiya meditsinskikh nauk SSSR. Latviyskiy institut eksperimental'noy i klinicheskoy meditsiny) Errata slip inserted. 1,500 copies printed.

TOPIC TAGS: nervous system, reflex activity, psychology, neurology

PURPOSE AND COVERAGE: The book examines the possible self-regulation physiological mechanism of higher-nervous activity in animals and humans. It is also a study on mechanism disorders which result from the inadequate behavior forms and inadequate improvement of internal organ functions. The book attempts to define some basic schemes of the nervous system self-regulation mechanisms (an area studied very little) inevitably connected with the expression of a series of controversial and hypothetical concepts. With the further development of physiology, psychology, and neuro-cybernetics the laws governing the self-regulation of the nervous activity will receive more mathematical expression. The purpose of this book is to increase the interest of physiologists, psychologists and doctors in the higher-nervous activity self-regulation problems, as well as in the development of new methods to

Card 1/3

L50187-65
AM5013085

be used in the mathematical analysis of self-regulation laws.

TABLE OF CONTENTS (abridged):

Author's forward - - 3	
Ch. 1. Self-regulation problem of higher-nervous activity - - 5	
Ch. 2. Self-regulation of higher-nervous activity by means of effector reflex (first type of self-regulation) - - 21	
Ch. 3. Self-regulation of higher nervous activity by means of afferent reflex (second type of self-regulation) - - 67	
Ch. 4. Self-regulation of higher-nervous activity by means of signaling effects on nervous system (third type of self-regulation) - - 104	
Ch. 5. Interaction between different types of self-regulation in higher nervous activity - - 133	
Ch. 6. Anxiety reactions and neuromuscular relaxation reactions, and their influence on self-regulation of higher nervous activity - - 163	
Ch. 7. Chronic pessimism in self-regulation of higher-nervous activity and its role in neurosis development - - 214	
Ch. 8. Self-regulation of higher-nervous activity and some psychohygienic problems and personality education. Typological self-regulation peculiarities - - 245	

Card 2/5

L 50187-65
AM5013085

Bibliography -- 279

SUB CODE: PH, LS

NO REF SOV: 208

SUBMITTED: 26Oct64

OTHER: 200

MIC
Card 3/3

KRAUKLIS, A.A.; MIKHEYEV, V.S.

Landform study for the purpose of land valuation in the
mountain taiga of northern Transbaikalia. Dokl. Inst.
geog. Sib. i Dal'. Vost. no.3:29-36 '63.

(MIRA 18:12)

KRAULINYA, E.K.

Determining the absolute values of the effective cross sections of
collisions of the second kind from the sensitized fluorescence of
sodium and mercury vapors. Opt. i spektr. 17 no. 3:464-466 S '64.
(MIRA 17:10)

PA 14/49T62

USSR/Medicine - Typhus
Medicine - Bones, Marrow

Jun 48

"Changes in the Bone Marrow Due to Exanthematos
Typhus," K. Ya. Krauklis, Lt Col Med Corps, Clinic
of Infectious Diseases, Mil Med Acad imeni S. M.
Kirov, 10 pp

"Klin Med" Vol XXVI, No 6

Treats subject under: (1) granulocyte production;
(2) plasma cells; (3) changes in megacaryocytes;
(4) changes in reticulo-endothelial cells and mono-
cytes; (5) changes in erythropoietic production.

14/49T62

GEL'CHINSKIY, B.Ya.; KRAUKLIS, L.A.

Computer algorithm of the correlation process of seismic waves. Vop.
din.teor.raspr.seism.voln no.7:115-122 '64.

(MIRA 17:12)

KRAUKLIS, O., arkitektor

New residential block in Riga. Zhil. strbi. no.11:19 N '61.
(MIRA 16:7)
(Riga—Apartment houses)

4337
S/040/62/026/006/009/015
D234/D308

AUTHOR: Krauklis, P.V. (Leningrad)

TITLE: Some low frequency oscillations of a liquid layer in
an elastic medium

PERIODICAL: Prikladnaya matematika i mekhanika, v. 26, no. 6, 1962,
1111 - 1115

TEXT: The author considers a liquid layer $0 \leq z \leq h$ (in cylindrical coordinates, r, θ, z) denoted by the index 1, between two elastic half-spaces, denoted by the indices 0, 2. Each medium is characterized by longitudinal wave velocity $1/a_i$, transversal wave velocity $1/b_i$ and density ρ_i . A wave source of dilatation center type is at the point $(0, 0, -H)$, its time dependence is a unit function. The potentials of elastic displacements are determined for the three media. At first parameters of the half-spaces are assumed to be equal. The characteristic equation corresponding to antisymmetric oscillations provides no low frequency oscillations with small velocity of propagation (which are the subject of the paper). The
Card 1/2

Some low frequency oscillations of ... S/040/62/026/006/009/015
D234/D308

characteristic equation of the symmetric case is $L_2 = 0$. L_2 is approximately represented by

$$L_2 = \frac{2\zeta^2 p_{01}}{kh} \left[\eta^2 + \frac{1 - \gamma_0^2}{p_{01}^2} kh \right]. \quad (4.2)$$

The dependence of phase and group velocity on frequency is

$$v = \left(\frac{1 - \gamma_0^2}{p_{10} b_0^2} \right)^{\frac{1}{2}} (kh)^{\frac{1}{2}} = \left(\frac{1 - \gamma_0^2}{p_{10} b_0^2} \right)^{\frac{1}{3}} (\omega h)^{\frac{1}{3}}, \quad u = \frac{3}{2} v. \quad (4.3)$$

A formula is given for the displacement vector. Corresponding equations are given for the case of unequal parameters of the two half-spaces without deduction. It is concluded that the attenuation is abnormally small.

SUBMITTED: August 10, 1962

Card 2/2

KRAUKLIS, P.V.

Head wave originating in two half spaces separated by a thin layer.
Vop. din. teor. raspr. seism. voln no.6:84-91 '62. (MIRA 16:7)
(Seismic waves)

KRAUKLIS, P.V.; MOLOTKOV, L.A.

Propagation of SH waves in an elastic medium having a thin layer.
Pt. 1. Vop. din. teor. raspr. seism. voln no.6:103-112 '62.

(MIRA 16:7)

(Seismic waves)

KRAUKLIS, P.^{N.}

Effect of a thin layer on the field of a reflected wave. Izv.
AN SSSR, Ser.geofiz. no.1:68-75 Ja '63. (MIRA 16:2)

1. Leningradskoye otdeleniye Matematicheskogo instituta im.
V.A. Steklova AN SSSR.
(Seismic waves)

MOLOTKOV, L.A.; KRAUKLIS, P.V.

Formation of low-frequency head waves in thin layers. Izv. AN
SSSR. Ser. geofiz. no.6:946-947 Je '63. (MIRA 16:7)

1. Matematicheskiy institut imeni V.A. Steklova AN SSSR,
leningradskoye otdeleniya.

(Seismic waves)

KRAUKLIS, P.V.; MOLOTKOV, L.A. (Leningrad)

Low-frequency vibrations of a plate lying on an elastic half-space.
Prikl. mat. i mekh. 27 no.5:947-951 S-0 '63. (MIRA 16:10)

ALEKSEYEV, A.S.; VOL'VOVSKIY, I.S.; YERMILOVA, N.I.; KRAUKLIS, P.V.;
RYABOV, V.Z.

Physical nature of certain waves recorded in hodographic seismic
sounding. Part 1. Izv. AN SSSR. Ser. geofiz. no.11:1620-1630 N
'63. (MIRA 16:12)

1. Kontora "Spetsgeofizika", Leningradskoye otdeleniye
Matematicheskogo instituta imeni Steklova AN SSSR.

ACC NR: AT6032728

SOURCE CODE: UR/0000/66/000/000/0024/0028

AUTHOR: Krauklis, P. V.; Molotkov, L. A.; Petrashen', G. I.

ORG: none

TITLE Certain wave processes in media containing thin layers

SOURCE: AN SSSR. Institut fiziki Zemli. Geoakustika; ispol'zovaniye zvuka i ul'tra-zvuka v seismologii, seismorazvedke i gornom dele (Geoacoustics; the use of sound and ultrasound in seismology, seismic prospecting, and mining). Moscow, Izd-vu Nauka, 1966, 24-28

TOPIC TAGS: seismic modeling, seismic wave, wave propagation, head wave

ABSTRACT: Theoretical investigations of wave fields in seismic models containing a thin layer are briefly reviewed. The following are considered: free elastic model, elastic medium in a liquid, elastic medium in rigid or sliding contact with another elastic medium, and a liquid layer between elastic media. The effect of parameters of surrounding media and the type of boundary conditions on propagation of low-frequency waves along the layer is considered. The properties of head waves propagated along an elastic layer placed in a liquid are summarized. Orig. art. has: 6 formulas and 2 figures.

SUB CODE: 08/ SUBM DATE: 28Mar66/ ORIG REF: 008/ OTH REF: 001
Card 1/1

ACCESSION NR: AP4014023

S/0049/64/000/001/0003/0019

AUTHORS: Alekseyev, A. S.; Vol'vovskiy, I. S.; Yermilova, N. I.; Krauklis, P. V.; Ryaboy, V. Z.

TITLE: The physical nature of some waves recorded during deep seismic sounding.
2. Theoretical analysis of models of the earth's crust for regions of Central Asia

SOURCE: AN SSSR. Izv. Seriya geofizicheskaya, no. 1, 1964, 3-19

TOPIC TAGS: deep seismic sounding, earth's crust, Central Asia, head wave, reflected wave, refracted wave, kinematic characteristic, dynamic characteristic, Turkmenia, shot point, apparent wave velocity

ABSTRACT: The authors present results on theoretical comparisons of the kinematic and dynamic characteristics of the earth's crust in southeastern Turkmenia. They have considered possible laws governing changes in apparent wave velocity with distance from shot point in layered inhomogeneous media with plane-parallel interfaces. Three different models of the earth's crust were used, based on different velocity values, densities, rates of change with depth, and combinations of these. Results show that in layered, inhomogeneous media the following relations always hold for the different kinds of waves: for head waves $dV^*/dx = 0$ and $d^2V^*/dx^2 = 0$;

Card 1/3 2

ACCESSION NR: AP4014023

for reflected waves $dV^*/dx < 0$ and $d^2V^*/dx^2 > 0$; and for refracted waves, if $dV^*/dx < 0$, $d^2V^*/dx^2 > 0$, but if $dV^*/dx > 0$, then either $d^2V^*/dx^2 > 0$ or $d^2V^*/dx^2 < 0$. These relations may be used for control in the correlation of waves. From these results it follows, in particular, that there are no waves in inhomogeneous layered media for which the relations $dV^*/dx < 0$ and $d^2V^*/dx^2 < 0$ may be fulfilled simultaneously. Thus, in such inhomogeneous layered media, changes in apparent velocity of head, reflected, or refracted waves with increase in distance from shot point may take place according to but one of the laws illustrated in Fig. 1 on the Enclosure. Orig. art. has: 13 figures and 10 formulas.

ASSOCIATION: Kontora Spetsgeofizika CGK SSSR (Office of Spetsgeofizika CGK SSSR); Akademiya nauk SSSR (Academy of Sciences SSSR); LOMI im. Steklova (LOMI)

SUBMITTED: 26Mar63

DATE ACQ: 14Feb64

ENCL: 01

SUB CODE: AS

NO REF Sov: 005

OTHER: 000

Card 2/32

ACCESSION NR: AP4023372

S/0049/64/000/002/0184/0195

AUTHORS: Alekseyev, A. S.; Vol'vovskiy, I. S.; Yermilova, N. I.; Krauklis, P. V.; Ryaboy, V. Z.

TITLE: The physical nature of some waves recorded during deep seismic sounding. Comparison of theoretical computations with experimental data. 3

SOURCE: AN SSSR. Izv. Seriya geofizicheskaya, no. 2, 1964, 184-195

TOPIC TAGS: seismic wave, deep seismic sounding, head wave, refracted wave, reflected wave, supercritical wave, "granite" layer, "basaltic" layer, wave group, Mohorovicic discontinuity

ABSTRACT: The authors have used theoretical computations and experimental data from two earlier papers (K voprosu o prirode voln, registriruyemykh pri GSZ, II. Teoreticheskiy analiz nekotorykh modeley zemnoy kory, Izv. AN SSSR, ser. geofiz., No. 1, 1964; K voprosu o prirode voln, registriruyemykh pri GSZ I. Kharakteristika eksperimental'nykh dannykh. Izv. AN SSSR, ser. geofiz., No. 11, 1963). They conclude that the first waves of the P_h^o group are head or weakly refracted waves,

Card 1/3

ACCESSION NR: AP4023372

corresponding to the upper part of the "granitic" layer. The wave group $T(P^*)$ is a complex wave formation. The first wave of the group consists of a head (weakly refracted) P^* wave (up to a distance of 120-130 km from the shot point) and a supercritical reflected wave from the surface of the "granite" layer (P_1^0) or "basaltic" layer (P_1^{refl}), depending on the relative thickness and velocity of the crustal layers. The P_1^{refl} and P_1^0 waves are the supercritical reflected and head (weakly refracted) waves, respectively, corresponding to the subcrustal boundary (Mohorovicic discontinuity). The nature of the P_1 wave group is not uniquely determined. It may represent a complex group of waves consisting of supercritical reflected and head waves formed at a discontinuity below the Mohorovicic discontinuity or refracted in the subcrustal layer (if it is assumed that velocity increases with depth in this layer). The P_1 group, which is apparently recorded in other regions, may become the source of very valuable information on the structure of the upper part of the mantle. The principles of wave-group correlation in deep seismic sounding may lead to a combination of waves of different physical nature into a single group. To test correlation it is necessary to make preliminary

Card 2/3

ACCESSION NR: AP4023372

detailed analysis of theoretical views concerning amplitude and attenuation of waves of different physical types. Orig. art. has: 8 figures.

ASSOCIATION: Kontora "Spetsgeofizika" MO i ON SSSR (Office of "Spetsgeofizika" MO and ON SSSR); Akademiya Nauk SSSR (Academy of Sciences SSSR); Leningradskoye Otdeleniya matematicheskogo instituta im. Steklova (Leningrad Department of the Mathematical Institute).

SUBMITTED: 26Mar63

DATE ACQ: 27Mar64

ENCL: 00

SUB CODE: AS

NO REF Sov: 013

OTHER: 000

Card 3/3

KRAUKLIS, V.V. (Moscow).

On plans for the curriculum in physics in the eleven-year secondary school.
Fiz. v shkole 7 no.2:40-41 '47.
(MLRA 6:11)
(Physics--Study and teaching)

KRAUKIIS, V. V.

Physics - Study and Teaching

Students' homework, utilizing textbooks. Fiz., v shkole 12 no. 3, 1952.

Monthly List of Russian Accessions, Library of Congress, September 1952. UNCLASSIFIED.

PERYSHKIN, A.V.; FALEYEV, G.I.; KRAUKLIS, V.V.; BASOV, Yu.V., red.;
VEDENEYEV, Ye.A., tekhn.red.

[Physics; a textbook for grade 7 of seven-year and secondary
schools] Fizika; uchebnik dlja 7-go klassa semiletnei i
srednei shkoly. Izd.5. Pt.2. Moskva, Gos.uchebno-pedagog.izd-vo
M-va prosv. RSFSR. 1953. 214 p. (MIRA 12:4)
(Physics)

PERYSHKIN, Aleksandr Vasil'yevich; KRAUKLIS, V.V.; DUKOV, V.M., redaktor;
MAKHOVA, N.N., tekhnicheskij redaktor

[A course in physics; a textbook for class 8 of the secondary
school] Kurs fiziki; uchebnik dlia 8-go klassa srednei shkoly.
Izd. 2-oe. Moskva, Gos. uchebno-pedagog. izd-vo Ministerstva
prosvetshchenija RSPSR. Pt. 1. [Mechanics] Mekhanika. 1955. 158 p.
(Mechanics)
(MLRA 9:10)

KRAUKLIS, V.V.

Study of electric motors in the seventh class. Fiz. v shkole
15 no.1:28-30 Ja-F '55. (MLRA 8:2)

1. 210-ya srednyaya shkola, g.Moskva.
(Electric motors--Study and teaching)

PERYSHKIN, Aleksandr Vasil'yevich; FALEYEV, Grigoriy Ivanovich; KRAUKLIS,
Vil'gel'm Vil'gel'movich; MIKHAILOVICH, T.V., redaktor; MAKHOVA,
N.N., tekhnicheskiy redaktor.

[Physics; textbook for class 6 of the seven-year and secondary
schools] Fizika; uchebnik dlja 6 klassa semiletnej i srednei
shkoly. Izd. 8-eo. Moskva, Gos. uchebno-pedagog. izd-vo Minister-
stva prosveshchenija RSFSR. Pt.1. 1956. 126 p. (MLRA 9:5)
(Physics)

BELOGORSKAYA, N.I.; GALININ, D.D.; GORYACHKIN, Ye.N.; GLAZYRIN, A.I.; DUBOV, A.G.;
YEVROPIN, Yu.P.; YEMOKHOVICH, A.S.; ZVORYKIN, B.S.; IVANOV, S.I.; KRAUKLIS,
V.V.; LAVROVSKIY, K.F.; MENSHTUTIN, N.F.; MINCHENKOV, Ye.Ya.; NABOKOV, M.Ye.;
PERYSHKIN, A.V.; POPOV, P.I.; POKROVSKIY, A.A.; REZNIKOV, L.I.; SAKHAROV,
D.I.; SOKOLOV, I.I.; SOKOLOVA, Ye.N.; EVENCHIK, E.Ye.; YUS'KOVICH, V.F.

Sergei Nikolaevich Zharkov. [Obituary]. Fiz.v shkole 16 no.3:94-95 My-Je '56.
(Zharkov, Sergei Nikolaevich, 1883-1956) (MIRA 9:?)

KRAUKLIS, V.V. (Moskva)

Teaching the subject "Uniformly changing motion" in the eighth class.
Fiz. v shkole 16 nom:39-43 Jl-Ag '56. (MLRA 9:9)
(Motion--Study and teaching)

KRAUKLIS, V.V.

Topic "Force and its measuring" in grade 6. Fiz. v shkole 18
no.4:31-34 Jl-Ag '58. (MIRA 11:7)

1.Gorodskoy pedagogicheskiy institut im. V.P. Potemkina, Moskva.
(Force and energy--Study and teaching)

BLUDOV, Mikhail Ivanovich; MINCHENKOV, Yevgeniy Yakovlevich; PERYSHKIN,
Aleksandr Vasil'yevich; USLAKOV, Mikhail Alekseyevich. Prinimal
uchastiye. KRAUKLIS, V.V., ROGACHEV, F.V., red.; TOKER, A.M., tekhn.red.

[Teaching physics; methods manual for teachers of secondary
technical schools] Prepodavanie fiziki; metodicheskoe posobie
dlin prepodavatelei srednikh spetsial'nykh uchebnykh zavedenii.
Pod red. A.V.Peryshkina. Moskva, Vses.uchebno-pedagog.izd-vo
Proftekhizdat, 1960. 317 p. (MIRA 13:5)

1. Chlen-korrespondent Akademii pedagogicheskikh nauk RSFSR (for
Peryshkin).
(Physics--Study and teaching)

KRAUKLIS, V.V. (Moskva)

New curriculum and textbook for physics in the sixth grade.
Part 1: Physical phenomena, physical quantities and their measurement. Fiz.v shkole 20 no.1:31-35 Ja-F '60. (MIRA 14:10)
(Physics--Study and teaching)

KRAUKLIS, V.V. (Moskva)

New program and textbook of physics for the 7th grade. Article
2: Composition of forces. Equilibrium. Fiz. v shkole 21 no.1:
34-36 Ja-F '61. (MIRA 14:9)
(Physics—Study and teaching) (Equilibrium)

KRAUKLIS, V.V. (Moskva)

Teaching physics in the eighth grade according to the new program
and the new textbook. Fiz. v shkole 21 no.6:38-42 N.D '61.
(MIRA 14:12)
(Physics--Study and teaching)

BELOGORSKAYA, N.I.; BLUDOV, M.I.; BRAVERMAN, E.M.; BULATOV, N.P.;
GALANIN, D.D.; GOL'DFARB, N.I.; YEVROPIN, G.P.; YEGOROV, A.L.
YENOKHOVICH, A.S.; ZVORYKIN, B.S.; IVANOV, S.I.; KAMANETSKIY, S.Ye.;
KRAUKLIS, V.V.; LISENKER, G.R.; MALOV, N.N.; MANOVETOVA, G.P.;
MENSHUTIN, N.F.; MINCHENKOV, Ye.Ya.; PERYSHKIN, A.V.; FOKROVSKIY, A.A.;
POPOV, P.I.; RAYEVA, A.F.; REZNIKOV, L.I.; SOKOLOV, I.I.; YUSKOVICH,
V.F.; ZVENCHIK, Z.Ye.

Dmitrii Ivanovich Sakharov; obituary. Fiz.v shkole 22 no.1:109-
110 Ja-F '62.

(Sakharov, Dmitrii Ivanovich, 1889-1961) (MIRA 15:3)

BELOGORSKAYA, N.I.; BLUDOV, M.I.; GALANIN, D.D.; YEVROPIN, G.P.;
POKROVSKIY, A.A.; POPOV, P.I.; ZVORYKIN, B.S.; IVANOV, S.I.;
KRAUKLIS, V.V.; MINCHENKOV, Ye.Ya.; PERYSHKIN, A.V.; REZNIKOV, L.I.;
SOKOLOV, I.I.; SUBOROV, N.P.; YUS'KOVICH, V.F.

Evgenii Nikolaevich; obituary: Fiz.v shkole 22 no.1:111 Ja-F
'62. (MIRA 15:3)
(Goriachkin, Evgenii Nikolaevich, 1895-1961)

PERYSHKIN, A.V.; ROSHOVSKAYA, Kh.D.; SOKOLOVA, Ye.N.; SHAKHMAYEV,
N.M. Prinimal uchastiyе KRAUKLIS, V.V.; TSIKALOV, V.A., red.;
POLUKAROVA, Ye.K., tekhn. red.

[Methodology of teaching physics in eight-year schools] Metodi-
ka prepodavaniia fiziki v vos'miletnei shkole; posobie dlia
uchitelei i studentov pedvuzov. Moskva, Izd-vo Akad. pedagog.
nauk RSFSR, 1963. 317 p. (MIRA 16:10)

1. Chlen-korrespondent Akademii pedagogicheskikh nauk RSFSR
(for Feryshkin).

(Physics--Study and teaching)

50011583

SOURCE CODE: UR/0051/66/020/003/0539/0541
4/8

AUTHORS:

Kraulinya, E. K.; Lezdin, A. E.

ORG: none

TITLE: Absolute effective cross sections in sensitized fluorescence of mercury and thallium vapors

SOURCE: Optika i spektroskopiya, v. 20, no. 3, 1966, 539-541

TOPIC TAGS: mercury, thallium, fluorescence, spectral line, line shift, optic transition

ABSTRACT: This is a continuation of an earlier experimental study (Opt. i spektr. v. 19, 154, 1965) of the absolute intensities of the spectral lines of thallium in sensitized fluorescence of mercury and thallium vapor. Present investigation is devoted to a different experimental condition, and to the calculation of the absolute cross sections on the basis of the obtained experimental measurements. The effective cross sections were determined by a formula given by one of the authors elsewhere (Kraulinya, with S. E. Frish, DAN SSR v. 101, 837, 1955 and other papers). Difficulties connected with the fact that the absolute

1/2

UDC: 539.186

RELEASE: Monday, July 31, 2000 CIA-RDP86-00513R0008

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ACC NR: AP6011583

intensities vary from tube to tube, and the thallium spectrum is not simple but have a complicated structure, so that the hyperfine structure on the isotopic shift must be taken into account. A table listing the cross sections for various transitions with and without allowance for the hyperfine structure is presented. The results are compared with those by others and various differences are briefly discussed. The authors thank S. E. Frish for interest in the work, E.M. Anderson and E. K. Anderson for supplying the values of the transition probabilities for the thallium, and Yu. A. Silin' for help with the measurements. Orig. art. has: 1 formula and 1 table.

SUB CODE: 20/ SUBM DATE: 25Oct65/ ORIG REF: 005/ OTH REF: 001

Card

2/2 C

KRAUKLITIS, M.P., assistant

Some observations on the effect of chronic periodontal inflammatory processes on the cardiovascular system. Stomatologija 38 no.2:
18-19 Ap '59
(MIRA 12:7)

1. Iz kafedry normal'noy fiziologii (zav. - prof. N.V. Danilov)
i kafedry terapevticheskoy stomatologii Rizhskogo meditsinskogo
instituta (dir. - prof. E. M. Burtniyek [Burtniek, E.M.] [decensed]).
(THE--DISEASES) (CARDIOVASCULAR SYSTEM)

KRAUKLITIS, M. F., Cand Med Sci -- (diss) "Effect of dentogenic irritation on the cardiovascular system and its elimination by treatment of the periodontia." Riga, 1960. 23 pp; (Academy of Sciences Latvian SSR, Inst of Experimental Medicine); 220 copies; price not given; (KL, 29-60, 127)

XRAUKLITIS, M. [Krauklīte, M.]

Use of remedies, little irritating periapical tissues in the
treatment of periodontitis. Vestis Latv ak no.2:165-170 '60.
(EEAI 10:1)

(PERIODONTIA) (TISSUES)

S/081/62/000/024/045/052
B106/B186

AUTHORS: Kraul, Emil, Czapinski, Jan, Sopiela, Wacław, Sobolewski,
Marian, Rybicki, Zbigniew

TITLE: Methods for producing a fiber from polyvinyl alcohol

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 24 (II), 1962, 953,
abstract 24P1034 (Pol. patent 44511, June 10, 1961)

TEXT: A method is described for the production of a fiber from polyvinyl alcohol by coagulation from aqueous solutions in a bath, dehydration and simultaneous stretching of the deposited fiber, removal of part of the salt contained in the fiber by washing, drying of the fiber, thermal treatment and acetalation. The method distinguishing features of this are as follows: the spinning solution flows from the spinneret into the coagulating bath at a velocity of 12 - 13 m/min. It then follows its course at an angle of 90°. The fiber leaves the coagulating bath at 15 m/min; there is a distance of 130 - 150 cm between the exit of the spinning solution from the spinneret and the point at which the fiber changes its direction in the bath. The excess from this bath is removed

Card 1/2

S/081/62/000/024/045/052
B106/B186

Methods for producing a fiber from ...

and the fiber is passed through a washing bath which consists of an aqueous solution of sodium sulfate (concentration 140 - 155 g/l). The pH value of the spinning solution and coagulating bath is adjusted to 7 as to yield a spinning solution of polyvinyl alcohol containing <0.2% by weight of ashes. The maximum moisture of the dried fiber is 3% and the maximum drying temperature is 120°C. Before it is dried the fiber ought to contain 35-37% by weight of polyvinyl alcohol, 58 - 60% by weight of water, and 5-7% by weight of salt. The temperature of the washing bath is 25 - 29°C, the washing time of the fiber is ~1 min. [Abstracter's note: Complete translation.]

Card 2/2

KLOSOVSKIY, B.N.; LEBEDEV, B.V.; BARASHNEV, Yu.I.; KRAULE, I.V.

Etiology of phenylpyruvic oligophrenia. Nauch. inform. Odd.
nauch. med. inform. AMN SSSR no.1841 '61 (MIRA 16:11)

1. Institut pediatrii (direktor - dozent M.Ya. Studenikin)
AMN SSSR, Moskva.

*

KRAULINYA, E. K.

"The Role of Second-Order Collisions in the Fluorescence of Mixtures of Mercury and Sodium Vapors." Cand Phys-Math Sci, Leningrad State U, Leningrad, 1954. (KL, No 1, Jan 55)

Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (12)
SO: Sum. No. 556, 24 Jun 55

KRAULINYA E. K.

USSR/Physics - Sensitized fluorescence

Card 1/1 Pub. 22 - 14/51

Authors : Frish, S. E., Member-correspondent, Acad. of Sc., USSR; and
Kraulinya, E. K.

Title : DETERMINATION of the effective cross-sections of impacts of the
second type from sensitizing fluorescence

Periodical : Dok. AN SSSR 101/5, 837-840, Apr. 11, 1955

Abstract : A theoretical method supported with properly arranged experiments is
described for the purpose of determining the effective cross-sections
of the second type impacts of sensitized fluorescence. A mixture of
nitrogen and mercury vapors was chosen for the experiments. Data were
calculated taking into consideration a probability for the energy
transition. Three references: 1 USSR and 2 German (1929-1954). Table;
graphs.

Institution : A. A. Zhdanov State University, Institute of Physics, Leningrad

Submitted : January 7, 1955

FRISH, S.E.; ZHDANOVA, I.P.; KRAULINYA, E.K.

Importance of effective atomic cross sections in the excitation
of spectra. Fiz.shor. no.4:54-56 '58. (MIRA 12:5)

1. Fizicheskiy institut Leningradskogo ordena Lenina gosudar-
stvennogo universiteta imeni A.A.Zhdanova.
(Spectrum, Atomic)

LW 017-65 EMP(e)/EPA(a)-2/EMT(n)/EMP(t)/EMP(l)/EMT(z)/EMP(s) FG4/P-7
LW 017-65/0

ACCESSION NR: AP5012629

UR/0051/65/018/005/0907/0908

AUTHOR: Kraulinya, E. K.

TITLE: Population inversion of energy levels of sodium in a mixture of vapors
of sodium and mercury under optical pumping

SOURCE: Optika i spektroskopiya, v. 18, no. 5, 1965, 907-908

TOPIC TAGS: population inversion, sodium population inversion, sodium energy
level

ABSTRACT: The population inversion produced by the 2537 Å line of a mercury vapor lamp with a power of 10^{-2} w/cm³ was experimentally investigated. The populations were determined according to the absolute line intensities of mercury and sodium. The intensities of the spectral lines were measured photoelectrically. A spherical tube 3-4 cm in diameter was used for the specimen. The measurement results are tabulated. Population inversion was observed in the 9S, 8D, 9P, 8P, and 7D levels, which suggests that negative absorption for a number of sodium infrared lines must occur on transitions from these levels to lower ones. The absorption coefficients were calculated on the assumption that the line widths were determined by the Doppler effect. The relatively low values of the absorption coefficients were attributed mainly to low pumping power. Orig. art. has: 1 table.

Card 1/2

[FP]

13Jun64
ACCESSION NR: AP5012629

ASSOCIATION: none

SUBMITTED: 13Jun64

HO REF Sov: 004

ENCL: 00 SUB CODE: EC, OP

OTHER: 000 ATD PRESS: 4001

Card 2/2

KRAULINYA, E.K. [Kraulina, E.]; LEZDIN', A.E. [Lezjirs, A.]; SILIN', Yu.A.
[Silins, J.]

Absolute intensities of the spectral lines of thallium in the
sensitized fluorescence of mercury and thallium vapors. Opt. i
spektr. 19 no.1:154-156 Jl '65.

(MIRA 18:8)

25

YATSOZHINSKIY, Yu.D.; KIMYAGAROV, Ya.E.; KRAULIS, V.Yu.; RASULOV, Kh.A.

Results of 100 resections of the lungs. Zdrav. Tadzh. 8 no.6:10-13
N-D '61. (MIRA 15:1)

1. Iz kafedry tuberkuleza Tadzhikskogo meditsinskogo instituta
imeni Abuali ibni Sino i Respublikanskoy klinicheskoy tuberkuleznoy
bol'nitsy Tadzhikskoy SSR.
(LUNGS—SURGERY)

KRAULIS, V.Yu.

Lung resection in combination with thoracoplasty. Zdrav. Tadzh.
8 no.6:28-30 N-D '61. (MIRA 15:1)

1. Iz kafedry tuberkuleza (zav. Yu.D.Yatsozhinskiy) Tadzhikskogo
meditsinskogo instituta imeni Abuali ibni Sino i Respublikanskoy
klinicheskoy tuberkuleznoy bol'nitsy (glavnnyy vrach Kh.A.Rasulov).
Tadzhikskoy SSR.

(LUNG SURGERY) (CHEST SURGERY)

KRAULIS, V.Yu.

Prevention and treatment of operative and postoperative complications in lung resection. Zdrav.Tadzh. 9 no.5:15-19 '62.
(MIRA 15:12)

1. Iz kafedry tuberkuleza (zav. - dotsent V.Yu.Yatsozhinskiy)
Tadzhikskogo meditsinskogo instituta imeni Abuali ibni Sino i
Respublikanskoy klinicheskoy tuberkuleznoy bol'nitsy (glavnnyy
vrach - Kh.A.Rasulov).

(LUNGS--SURGERY)

YATSOZHINSKIY, Yu.D.; KRAULIS, V.Yu.

Results of resection and antibacterial therapy in bilateral pulmonary tuberculosis processes. Zdrav. Tadzh. 10 no.5:8-11 '63.
(MIRA 17:2)

1. Iz kafedry tuberkuleza (zav. - dotsent Yu.D. Yatsozhinskiy) Tadzhikskogo meditsinskogo instituta.

KRAULIS, V.Yu.

Working capacity following lung resection in tuberculosis.
Zdrav. Tadzh. 10 no.5:15-19 '63. (MIRA 17:2)

1. Iz kafedry tuberkuleza (zav. - dotsent Yu.D. Yatsozhinskiy)
Tadzhikskogo meditsinskogo instituta i khirurgicheskogo
otdeleniya Tadzhikskoy respublikanskoy klinicheskoy tuberku-
leznoy bol'nitsy (glavnnyy vrach ~ Kh.A. Rasulov).

KRAUPNER, Milan, inz.

Technical problems in the manufacture of heavy duty
alternating current motors. El tech obzor 51 no.9:464-471
S '62.

1. Ceskomoravská-Kolben-Danek Praha, n.p., závod Elektrotechnika.

CZECHOSLOVAKI/Chemical Technology. Chemical
Products and Their Applications. H-17
Pharmaceuticals. Vitamins. Anti-
biotics.

Abs Jour : Rof Zhur-Khimiya, No 7, 1959, 24485

Author : Hodinov, F., Picha, Z., Kraus, L.,
Krizok, P.

Inst :

Title : Manufacturing Control and Clinical Tests
on Czechoslovakian Streptomycin.

Orig Pub : Ceskosl. farmac., 1957, 6, No 6, 329-330

Abstract : No abstract.

Card : 1/1

KRAUS, A.

"Significance of fireproof clays among mineral raw materials," *Przeglad Geologiczny*,
Warszawa, No 9, Sept. 1954, p. 390.

SO: Eastern European Accesions List, Vol 3, No 11, Nov 1954, L.C.

ZHANG, A.

Complex exploitation of mineral resources in Silesian basin. p. 365.
POLISH POLIGRAFIA, Warszawa, No. 1, Aug., 1955.

DO: Monthly List of East European Acquisitions, (MEL), U.S. Int. n, no. 10, Oct. 1955,
Uncl.

KRAUS, R.

KRAUS, R.; DVOŘÁK, R.

Geodetické a výrobní technika na Slovensku. Praha: Československá Akademie Věd, 1954. (Inženýrske stavby. Praha. Vol. 2, no. 6 East June 1954)
30 : Městský list o všeobecné Architektur (MAM), 10, U. L. A., 1954,
číslo 12-13, česk.

KRAUS, A.

Prerequisites of the fast construction of dams in the USSR. p. 437.

INZENYRSKE STAVBY. Praha, Czechoslovakia. Vol. 3, no. 11, Nov. 1955.

Monthly list of East European Accessions (EEAI) LC, Vol. 9, no. 2, Feb. 1960
Uncl.

KRAJS, A.

KRAJS, A. Conditions for building hydroelectric power plants in
relation to the technology of concrete. p. 303.
Vol. 4, no. 7, July 1956. INGENYRSKE STAVBY
(Ministerstvo stavebnictvi)
Praha, Cz choslovakia

SOURCE: EAST EUROPEAN ACCESSIONS LIST (EEAL) VOL 6 NO 4 APRIL 1957

KRAUS, A.

KRAUS, A. Report on the use of a resin coating containing aluminum in the construction of the dam in Slapy. p. 415.

Vol. 4, No. 9, Sept. 1956.

INZENYRSKE STAVBY.

TECHNOLOGY

Praha, Czechoslovakia

So: East European Accession, Vol. 6, No. 3, March 1957

KRAUS, A.

Transport in water constructions.

F. 78 (Mechanisace) Vol 4, No. 3, Mar. 1957, Czechoslovakia

SO: MONTHLY INDEX OF EAST EUROPEAN ACCESSIONS (EEAI) LC. - VOL. 7, NO. 1, JAN. 1958

KRAUS, A.

Construction of dams and water-power electric plants in France. p. 119. (Inzenjrske Stavby, Vol. 5 no. 3 March 1957) Praha

S.S.: Monthly List of East European Accession (EEAL) LC, Vol. 6 no. 7, July 1957. Uncl.